



Appian Use Case for Energy: Process Automation in Oil Production.

Challenges: slow, manual processes and scattered data.

In oil production, operators need reliably functioning physical assets to drive revenue and growth.

This company was burdened with unstructured processes and metadata buried in documents, emails, spreadsheets, and local computers. Stakeholders had limited visibility into risks and no end-to-end view of processes or performance. This created major process slowdowns that increased associated costs.

When looking for a solution, their primary goal was digitalization of the production sites for asset integrity, security and smart operations, production optimization, energy efficiency, and maintenance support. The first site was an offshore platform in Angola.

Their key technical requirements for a new system included the following:

- Scalability
- Speed to implementation
- Maintainability
- Reusability of components
- Flexibility to meet changing business requirements
- Standardization of processes
- A simplified user experience

Solution: an integrated operations application.

The company turned to the Appian Platform to build an integrated operations application. The Appian solution replaced manual operations and maintenance processes of an offshore oil rig in Angola—automating the company's workflows and unifying all their data in a real-time dashboard.

The application manages the company's process and plant data, which can be accessed from anywhere in the world on any mobile device or laptop. Appian gathers and integrates this data real-time from SAP, equipment sensors, and maintenance and production systems, writing back to systems of record and establishing a "single version of the truth" for critical asset information. This system manages assets from the initial planning and design stage (Design Integrity) to procurement, construction, installation,

Company profile.

A Fortune 500 European-based integrated energy company, considered one of the global oil and gas "Supermajors."

Our work with this company began in offshore exploration and production in 2018 and has since expanded to 20+ applications across six business areas, automating 50+ core business processes in 25 countries.

and inspection (Technical Integrity) to operational management and decommissioning (Operating Integrity).

The application is also used for field data entry, maintenance requests, production data, inspections, photo documentation, and more.

Benefits: faster processes with less risk.

Unifying information into a single dashboard allows the company to view critical asset integrity and identify and address risks quickly to avoid derailing oil production. Appian's powerful workflow engine serves as a tool to minimize the impact of these risks through offshore team collaboration, troubleshooting, and communication with headquarters.

The Appian Platform delivers:

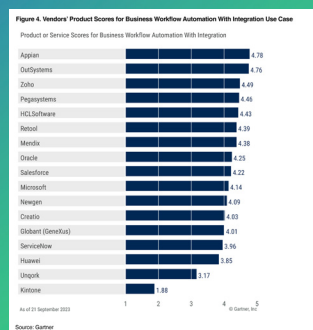
- Complete automation capabilities that orchestrate people, systems, data, bots, and AI in a single workflow for more efficient operations.
- Data fabric to unify data across many disparate systems and build powerful applications—all while keeping your data where it is.
- Real-time reporting and analytics to track organizational needs, inefficiencies, regulatory changes, and trends, so you can adapt and act based on the latest information.
- Low-code application development capabilities that let you design and build applications fast

Appian is a Leader in the Gartner® Magic Quadrant™ and #1 for the Business Workflow Automation with Integration Use Case.

Find out why in the 2023 Gartner® Magic Quadrant™ and Critical Capabilities for Enterprise Low-Code Application Platforms (LCAP).



A Leader in the Gartner® Magic Quadrant™ for Enterprise Low-Code Application Platforms (LCAP).



Ranked #1 for the Business Workflow Automation with Integration Use Case in the Gartner® Critical Capabilities for Enterprise LCAP.

Gartner

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Appian is a software company that automates business processes. The Appian AI Process Platform includes everything you need to design, automate, and optimize even the most complex processes, from start to finish. The world's most innovative organizations trust Appian to improve their workflows, unify data, and optimize operations—resulting in better growth and superior customer experiences. For more information, visit appian.com. [Nasdaq: APPN]